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? Title: **JP2002207705A2: METHOD FOR BIO-METRIC-BASED AUTHENTICATION IN RADIO COMMUNICATION FOR ACCESS CONTROL**

? Derwent Title: Biometric authentication method for electronic transaction, involves comparing biometric template received through simplex or duplex connection system from portable electronic device with measured biometric profile [\[Derwent Record\]](#)

? Country: **JP Japan**

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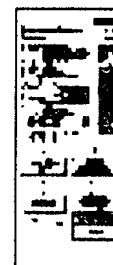
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? Abstract: **PROBLEM TO BE SOLVED:** To provide a system and a method for authenticating a user by a radio communication, using an acquired bio-metric (for example fingerprint) and a bio-metric template stored locally.

SOLUTION: A smart card system used for bio-metric authentication is slow in a processing speed, and the card itself has additionally demerits of erroneous storage or loss. A problem of security of the possibility exposed to risk is exhibited in storage (in a database) of a bio-metric data via a network. High security is attained when the bio-metric template is stored locally in a portable device. The user uses the portable device to radio-transmit the bio-metric stored for the authentication, or measures locally the bio-metric using the portable device to collated with bio-metric stored locally (in the portable device).

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